

APPENDIX B: Amino Acid Sequences

> RXA00062 (1-1398, translated) 466 residues
MILSIVLLGY FMILLDTISIV ITGLPAIGSE LGIDPVHLSW VQSSYTLVFG ALLLLGARAG
DIFGRKKVLY IGLALFAASS LAIALSPNAA VLIGARVVQG AGAIIAPAT LALITEFFPE
GPARLRATSA YGAVAGIGVA AGLVIGGVFA DLLSWRIGFF INVPIAAVLA YIVHKAIPAT
FSRPGSLDIF GAITSTAGIA AVLYAIVRSA DYSWTDPFVL ISLVLGIAVF IWFLRHESSE
KEPLLPLGLF KNRRRNTILA SRFLLVGSVM SFFFFATQLF QDTMGMNALQ AGLAFMPLSL
LQFASAAAMP RLSRAGVSDS MLTVIGFAIM VIGMAGLAFV PNTMIALILP IVLVGFQGGF
AFGPMTALAV QGAPKQSGA VSGLVNSLHQ IGGTFGLGVF SSLAVAVIGH DATSEMISDR
AHFGFLLSTV TLTLATIFAV TLLKRHETRK SSERPTQLVD EKAVTS

> RXA00084 (1-825, translated) 275 residues
MSTALPDQLK WEYSAFPVQI SQKQRLSPGF MRITVTGDKL RFFGQWGLDQ RIKLIIPSPA
GNIPDFGILD EPTPPPTTWL PRAKSFPADQ RPILRTYTPS AVRPELCEVD IDIYLHNPSG
PVSRWAKNCS VDDELIITGP DVRAGETGYG ITHYPTSAID RLCLIGDCAS APAIANIVNQ
SKVPTTVFLH VDSLEDDVLI ADSSTKLTFE DIDAYKAKVF QWASANAADP SVHFWIAGET
SMVRFIRKEL INSYRVDSSR ITFLGYWKYG RRTVD

> RXA00109 (1-612, translated) 204 residues
VASEKNLKLK TLAAAAGVLG VGAMSMVLAP QAAAHDVVVD SNPENGSVVD EFPETIELEF
SGIPQDLFTT VALSNADSGE VLTSGTPQLE GQHLSYEVPS DVQTGAGNYI LGFQITSSDG
HATKGSISFE VTGSAETTTE TTAETTTEA ATTDSETTE AETTETADET SGIPAPWNWV
LSIVAVLVVA SAIVMMIAKN RNQK

> RXA00215 (1-1461, translated) 487 residues
VSDKKQDLTS SAAGSAAPQT KAYPAMPLPE KQAWPALIAL CIGFFMILLD QTIVAVSTPA
LQADMGASYN EVIWTSVYL LTFVAVPLLVT GRLGDKYGPK NVYVAGMVIF TVSSLACGLA
PDMFTLLIAR GVQGLGAALL TPQTMATINR IFAFERRGAA LGVWGSTAGL ASLAGPILGG
VITENWGWQW VFYINVPIGV ISVIAVMKYV PEFPLTRPL DPLSIVLSIV AVFFLVFAFQ
EGEGAGWAAW VWIMIVAFA LFAWFIYQOS RAEKSGNDPL VPLEIFKFRN FSLGNICIMA
MGFTVAGTPL PIMLYFQQA GMNAMEAGFM MVPQALMAAV LSPFVGKLV DRSNPGLMAAL
GFSTVAVSIV LLSVMIFD GLVWALVSM LLGIGNAFVW APNSTSTMRD LPHKFMGAGS
GVFNTTRQLG SVIGAAAIGA VMQIRLAAGD EGAAFGQALL LAAAVLVIGI VASTMAGKNA
HPAPVKP

> RXA00289 (1-1176, translated) 392 residues
MSTTTAPEAR FPVVPLTAMS FAAFVYVTFE MFAVGLIKPM ASDLGVSSESS IGLLMTVYAT
VVAVVTIPAM LWVSRFNKRT VFLITLAFLA TGIVVQALTV NYGMLAIGRT IAALTHGVFW
ALVGPMARM SPGHTGRAVG VVSIGSTMAL VVGSPLATWI GELIGWRPAT WILGALTIAA
VAVLIPTVPS LPPLPDTESE SKEKKSPLWG LISLVIFLLL AVTGVFAAYT YLGLIIAETA
GDSFVSI GLF AFGALGLIGV TVATRTVDQR MLRGSVHTTT LFVIAAILGQ IAFGLEGTLA
VVAIFLAVTV FGGAYGALPT LGTTIFLHAG RDHPDTASSI YVVTYQVGIA SGAALGAMAV
DADWVAGTLW IMAGLSLAST LALALWSRPL LK

> RXA00404 (1-2316, translated) 772 residues
VALKRPEEKT VKIVTIKQTD NINDDDLVS NATDLPVGK KSPKMSPTAR VGLLVFGVIA
AVGWGAI AFS RGETINSVL VLAAGVSYII AFSFYARLIE YKVKPKDQR ATPAEYVNDG
KDYVPTDRRV LFGHHFAAIA GAGPLVGPVM AAQMGYLPGT LWIILGVIFA GAVQDYLVW
VSTRRRGRSL GQMRDEMGT VGGAAGILAT ISIMIIIIAV LALIVVNALA DSPWGVFSIT
MTIPIALFMG VYLRLRPGR VTEVSIIGVA LLLAIVAGG WVADTSWGVE WFTWSKTTLA
LALIGYGIMA AILPVWLLLA PRDYLSTFMK IGVIGLLAVG ILFARPEVQM PSVTSFALEG
NGPVFSGSLF PFLFITIACG ALSGFHALIS SGTPKLVEK ESQMRMLGYG GMLMESFVAM
MALITAVILD RHLYFSMNA LALTGGDPAT AAEWVNSIGL TGADITPEQL SEAESVGES
TVISRTGGAP TLAFGMSEIL SGFIGGAGMK AFWYHFAIMF EALFILTVD AGTRVARFMM
TDTLGNVPGL RRFKDPSTV GNWISTVFC ALWGAILLMG VTDPLGGINV LFPLFGIANQ
LLAAIALALV LVVVVKKGLY KWAIVPAVPL AWDLIVTMTA SWQKIFHSDP AIGYWAQAN
FRDAKSQGLT EFGAAKSPEA IDAVIRNTMI QGILSILFAV LVLVVGA AI AVCIKSIRAR
AAGTPLETTE EPDTESEFFA PTGFLASSRD KEVQAMWDER YPGGAPVSSG GH

> RXA00479 (1-2190, translated) 730 residues

MSTSITTENK KKSPPRLMR IFLPALLILV WLVGAGVGGP YFGKVSEVSS NSQTTYLPES
 ADATQVQEQL GDFTDSESIPI AIVVMVSDEP LTQQDITQLN EVVAGLSELD IVSDEVSPA
 PSEDGRAVQV FVPLNPSAEL TESVEKLSET LTQQTPDYVS TYVTGPAGFT ADLSAAFAGI
 DGLLLAVALA AVLVLIVIVY RSFILPIAVL ATSLFALTVA LLVVWWLAKW DILLLSGQTQ
 GILFILVIGA ATDYSLLYVA RFREELRVQQ DKGATGKAI RASVEPILAS GSTVIAGLLC
 LLFSDLKSNL TLGPVASVGI IFAMLSALT LALLFVFGV VAFWPKRPKY EPEKARAKND
 IPASGIWSKV ADLVEQHPRV IWVSTLIVLL LGAAFVPTLK ADGVSQSDLV LGSSEARDGQ
 QALGEHFPVG SGSPAYIIVD ETQAAQAADV VLNNDNFETV TVTSADSPSG SAPITADGIV
 PLGSGTAPGP VVVEGQVLLQ ATLVEAPDSE EAQKAIRSIR QTFADENISA VVGVTATSV
 DTNDASIHDR NLIPIVLLV ILVILMLLLR SIVAPLLLVL TTVVSFATAL GVAALLFNHV
 FSFPGADPAV PLYGFVFLVA LGIDYNIFLV TRIREETKTH GTRLGILRGL TVTGGVITSA
 GVVLAATFAA LYVIPILFLA QIAFIVAAGV LIDTLLVRAF LVPALFYDIG PKIWWPSKLS
 NQKYQKQPQL

> RXA00497 (1-297, translated) 99 residues
 VANVNIKPLE DKILVQINEA ETTTASGLVI PDSAKEKPQE ATVIAVGPGR FDDKGNRIPL
 DIKEDDVVIF SRYGGTEIKF GGVEYLLLSA RDILAIVEK

> RXA00498 (1-1239, translated) 413 residues
 MAKLIAFDQD AREGILRGVD ALANAVKVTL GPRGRNVVLD KAFGGPLVTN DGVTIARDID
 LEDPFENLGA QLVKSVAVKT NDIAGDGTIT ATLLAQALIA EGLRNVAAGA NPMELNKGIS
 AAAEKTLEEL KARATEVSDT KEIANVATVS SRDEVVGEIV AAAMEKVGKD GVVTVESQS
 IETALEVTEG ISFDKGYLSP YFINDNDTQQ AVLDNPAVLL VRNKISSLPD FLPLLEKVVE
 SNRPLIIAE DVEGEPLQTL VVNSIRKTIK VVAVKSPYFG DRRKAFMDDL AIVTKATVVD
 PEVGINLNEA GEEVFGTARR ITVSKDETII VDGAGSAEDV EARRGQIRRE IANTDSTWDR
 EKAEERLAKL SGGIAVIRVG AATETEVRND KLRVEDAINA ARAAAQEGVI AGG

> RXA00565 (1-993, translated) 331 residues
 MMLNETTLAV ALPSIMADFD IEANTAQWLL TGFMLTMAVV LPATGWMLER FTTRS VFIFA
 TVVFLIGTVT AALSPTFAIM LAARVAQAIG TAVIMPLMT VAMTVVPPER RGAVMGLIAV
 VMAVGPAALGP SVAGFVLSLS SWHAIFWVMV PLVFVASLIG TLRLTNVSEP KKTPLDVISF
 LISAVAFGGL VYALSSIGII LEGDRSALVV LAVGIIALVV FVWRQIAMGK QDKALLDLRP
 LAIREYTIPL VVLLTLFGAL LGVMNTLPLY LQGSMLVTAL VAGLVLLPGG LLEGVLSPFV
 GRIYDRHGPR GLVIGGMSLV VISLFALSTV D

> RXA00575 (1-483, translated) 161 residues
 VRDIYELGLE TGHATYETSG PTWDQFSQSK IMDTVMVAVE NNDPDFILGW VSAAPISSRQ
 VFHGVVEDSI YIHPQGQGRG IGGALLDALI TYCESNGIWS IHSWIFPENL GSAKLHESKG
 FVKVGTMHQM ARMPYGELEG QWRDCDLWEC LLSVPEQAQS S

> RXA00599 (1-387, translated) 129 residues
 MKSVLFVCVG NGGKSQMAAA LAQKYASDSV EIHSAGTKPA QGLNQLSVES IAEVGADMSQ
 GIPKIDPEL LRTVDRVIL GDDAQVDMPE SAQGALERWS IEEPDAQGME RMRIVRDQID
 NRVQALLAG

> RXA00600 (1-1098, translated) 366 residues
 MIEGWMLTTL KEHSTPRAAG SMSFLDRWLA AWIFLAMAAG LLIGKVFPPI GALLSAVEIG
 GISIPIAIGL IVMMYPPLAK VRYDKTKEIS TDRALMVVSI MLNWIVGPAL MFSLAWFLP
 DQPELRTGLI IVGLARCIAM VLVWSDLAGC DREATAVLVA INSVFQILMF GVLGWFYLQI
 LPSWLGLDTT SVTFVSIVSIV TSVLVFLGIP LVAGVLSRVI GEKTKGRRWY EDTFLPKISP
 LALIGLLYTI VLLFSLQGE ITAQPTVAR LALPLLMYFV GMFFISLVVS KLSGLTYERA
 ASVSFTAAGN NFELAIASV GTFGATSPQA LAGTIGPLIE VPVLVGLVYV MLWLGPKIFK
 KENAGS

> RXA00605 (1548, translated) 516 residues
 MSEKSAADQI VDRGMRPKLS GNTTRHNGAP VPSENISATA GPQGNVNLND IHLIEKLAHF
 NRENVPERIP HAKGHGAFGE LHITEDVSEY TKADLFQPGK VTPLAVRFST VAGEQGSPT
 WRDVHGFALR FYTEEGNYDI VGNNTPTFFL RDGMKFPDFI HSQKRLNKNL LRDAQWDF
 WTRAPESAHQ VTYLMGDRGT PKTSRHQDGF GSHTFQWINA EGKPVVVKYH FKTRQGWDCF
 TDAEAAKVAG ENADYQREDL YNAIENGDFP IWDVKVQIMP FEDAENYRW NFDLTKTWSQ
 KDYPLIPVGY FILNRNPRNF FAQIEQLALD PGNIVPGVGL SPDRMLQARI FAYADQQRYS

IGANYRDLPLV NRPINEVNTY SREGSMQYIF DAEGEPSYSP NRYDKGAGYL DNGTDSNNH
TSYGQADDIY VNPDPHGTDL VRAAYVKHQD DDDFIQPGIL YREVLDEGEK ERLADNISNA
MQGISEATEP RVYDYWNNVD ENLGARVKEL YLQKKA

> RXA00648 (1-1410, translated) 470 residues
VVTLASAGIT VSLAQTLVIP IIGRLPEIFN TTAANASWII TVTLLVGAVA TPVMGRLADM
YGKKKMLIS LVPFILGSLV CAVSVDLIPM IIGRGFQGLG SGLIPLGISL MHDLLPREKA
GSAIALMSSS MGIGGALGLP LAAAIAQFAS WRVLFWFTAL VALTVGAVIW KAIPARPRIV
RSGGFDYFGA LGLAMGLIAL LLAVSKGSEW GWSALTIGL FVAALVILVG WGWFFETQKS
PLIDLRTTIR ATVLMNTIAS ILIGFTMYGM NLILPQVMQL PVILGYGLGQ SMLQMGIWLI
PMGLGMMMLIS NAGAAISAAH GPRVTLTIAG VVIAVGYALT ATVLFTIGNR TPGGDADNAL
ILTTLVLFVS CSLVVGIGIG LAFGSMPALI MGAVPATEKA AANGFNLSMR SLGTTGSSAV
IGAVLAGMMS GGVPTLGGFM TTLLIIGCAA LVAAVISYFI PTTTTVVEAK

> RXA00764 (1-1116, translated) 372 residues
MTLKTSVLAL LLDNVHVLLI ANPESTTQTQ KLFRRVVPAL MALDGVSLA RFTHYGGHAE
EMVAGLTVDD FDVPIIPAGG GTVNEVINGL LGSAEGDFRN LEDLPAIAVL PTGSANVFAR
ALGYPTDPYA AADALVELIR KNHTRTITLG TWKGDDQGR WFAVNAGFGI DADVIAVER
ARSGFGAASP LLYLQVSLRA WVKTKIKPPK ITVEAVDSKG HKLQKEEVPM LLASNTNPWT
FLGLPLVVTN PQNSFDTGLG LFGLTSVRGF GGVAAMMHLI GVGHGRKLEK LIAKRTIAFD
DAEKVTLTCD SDQRQVDGE YEGKPTKVVL ESITDAVRVY APKTHPTPI MNWAVHLFKH
VRDFLRVRTF GI

> RXA00803 (1-603, translated) 201 residues
MGVSALNMSD MVANKRAQRK VWLAVALSVF TVAWGGNEFT PLLVFYRGEF FFSNLFIDLL
LVFYAIGVAV GLLAAGPLSD RYGRRAVMLP APLIAILGSA LIASGEETAI LIAIGRVLSG
ISVGMVMTAG GSWIKELSSS RFEPGVKTS AAKRASMSLT GGFALGPALA GVMAQWLPQP
GQLAYVLHII LTLILFPLLI T

> RXA00810 (1-201, translated) 67 residues
MAQGTVKWFN PEKGFGFIAP SDGSADVVFH YSEIEGNGFR TLEENQLVEF EIGEGAKGLQ
AQAVRAI

> RXA00829 (1-255, translated) 85 residues
LDEPTTGLHL ADVKTLDDL DQLVDDGKSV IVIEHHLGVL AHADHIIDVG PGAGSDGCSI
VFEGSPAELI KTDPTTGRHL KAYVD

> RXA00834 (1-1563, translated) 521 residues
MQKADSHDWI SVHGANENNL KNVSVRIPKR RLTVFTGVSG SGKSSLVFGT IAAESRRILN
ETYSTFVQGF MPSPARPVDV HLEGITTAII VDQEQMGANP RSTVGTATDA TAMLRILFSR
IAEPNAGGPG AYSFNVPSVS ASGAIITVEKG GNTKREKATF KRTGGMCPAC EGMGRASDID
LKELFDASLS LNDGALTIPG YTPGGWSYRM YSESGLFDA KPIKDFTEEE RHNFLYLEPT
KMKIAGINMT YEGLIPIRQK SMLSKDREGM QKHIRAFVDR AVTFIPCPAC GGTRLAPHAL
ESKINGKNIA ELCAMEVRDL AKWIKTVEAP SVAPLLTALT ETLDNFVEIG LGYIQLDRPA
GTLSGGEAQR TKMIRHLGSA LTDVTYVFDE PTAGLHAYDI ERMNKLKLLDL RDKGNTVLVV
EHKPETIAIA DHVVDLPGGA GAGGGEIRFE GSVDKLKDS TGTGLHFNDR ASLKESVRAP
HGALEIRGAD RNNLNNVDVD IPLGVFTAIS GVAGSGKSSL I

> RXA00843 (1-345, translated) 115 residues
MKVTIFHNPR CSTSRNTLAY LRDKDIEPEI VQYLKDTPTA SELKELFNTL GIPVHDGIRT
REAETELGL SPETPETELI DAIVAHPRLL QRPIVVTAKG ARIARPKIDV IDSIL

> RXA00858 (1-468, translated) 156 residues
MEVNLATWLI TIAVIAGFFI FDFYSHVRTP HEPTIKESAW WSLFYVALAC VFGVFLWFAW
GEPGNPHQHG IEFFTGYVTE KALSVDNLF FALIMGSFKI PRKYQQKVLL IGIALALVFR
LAFILAGAAV IEAWSDFYFI FSIWLIYTAV KAPVHE

> RXA00886 (1-1146, translated) 382 residues
VARDYYGILG VDRNATESEI KKAYRKLARK YHPDVNPGEE AAEKFREASV AHEVLTDPAK
RRIVDMGGDP MEQGGGAGAG GFGGGFGGSG GLGDIFDAFF GGGAGGSRGP RSRVQPGSDT
LWRTSITLEE AYKGAKKDLT LDTAVLCTKC HGSGSASDKK PVTCTCNGA GEIQEVQSRF

LGNVMTSRPC HTCDGTGEII PDPCTECAAD GRVRARRDIV ANIPAGIQSG MRIRMAGQGE
VGAGGGPAGD LYIEVMVRPH AIFTRDGGDL HASIKVPMFD AALGTELDVE SLTGEEVKIT
IPAGTQPNV ITLDGEGMPK LRAEGHGNLM AHVDLFVPTD LDDRTRELLE EIRNHRSDNA
SVHREGGEES GFFDKLRNKF RK

> RXA00900 (1-852, translated) 284 residues
VRGIARAIVP DLERGQKAAH AFALLMIIQG IAPVVAPLIG GVLVGPFGWR GIFWALALVN
FAQLLVALLQ IKESKPVEER TAAGLGGMLS NYVFVLKNPQ FLAYVFTLGL SFGAMFSYIS
ASPFVLQNM GIPVLLYSII FGVNAFGLIV GGMVNRRLQ RIHPRIMQT VLASFTVLCA
LLLIEVLFIN WIPLFLLLLF LIVSHIPMVM ANATALGTEV VRSRAGSGSA ILGFVQFTMG
ALVSSLVGLG SDKALTMGIA MTACALLACG CAYLAGRKGI PEMK

> RXA00901 (1-378, translated) 126 residues
MGLALLSASS ALATDMYLP MPGIAEDLGT TAPMVQLTSL SFMAGMAIGQ LIIGPLSDQL
GRKGLLVAGA VAALVASVVC ALAPSISVLV IARLVQGLGG GACVVLARS CQTLNADKRL
RTPLHC

> RXA00981 (1-630, translated) 210 residues
MSENLPAPEL LLDARIQMI KNFRNELTGF MLNYQFGIDE ILTKINILKT EFSQLHEYAP
IEHVSSRLKT PESIVKKVIR KGDELSLAAI KDTVFDIAGI RIVCSFLKDA YAIADMLTNQ
KDVTVIEAKD YIANPKPNGY KSLHLILQVP VFLSNSVEKV NVEVQIRTIA MDFWASLEHK
IYYKFEQEVV QSILDELSER GKNPRGSEVT

> RXA00993 (1-636, translated) 212 residues
MGKGFTGAIL TVMGVKSHIA TTTGKTIVND RMVTIHFHSE TLLNTEGEVP GDWLRLWFPH
ESRPGKLYQR AYTLTNVDAD AGTFDLAFVL HEPLGPASAW ATRCEAGESL EVMRYPGIPF
AIPDPAPRGF LFLGDLTSYP AICSILETLD GEIPATAYLI AHDPLDYTFD FPQGEHITAQ
WISNEQSFID HIADTDYTFD YTWIGAESSE TR

> RXA00995 (1-741, translated) 247 residues
MNPHYLLATV KRVLLQLKAD KRSIALILLA PVALMSLFYY MYSSTPAGTQ LFKTISTVMI
AVFPLMLMFL MTSVTMQRER NAGTLERLWT TNIHRVDLIG GYGVAFGIMA VAQSLLMVLV
LRYLLGVETE SEWWISTLIA AITGLIGVSL GLLSSAFAS EFQAIQTLPL LILPQFLLCG
LLIPRDDLDP VLRWVSNVLP LSYAVDAALE ASRTGIGQQV VVNIAICAAF AVSFLLVAAAL
SMPRMTR

> RXA00996 (1-741, translated) 247 residues
MSTVTAVQVN GLKVSISSEF SRKKTITILH DLDFTVETGK ITGLLGPSGS GKTTLMRAIV
GVQNFDTLE VFDQPAAGS LRGKIGYVTO NASVYHDLV IENLKYFGAL AKGTSTPRTP
EKILEVLDA DLAQRQVSTL SGGQRGRVSL GCALIASPEL LVMDEPTVGL DPITRQALWE
EFTTIKAGA GVVISSHVLE EAARCDNLIL LRDGRIIWRG TPTRLLEDTG KSSYEDAFLA
AIDGVR

> RXA01010 (1-771, translated) 257 residues
MKKLQMPAIL VGGFVGPFTE QALSVLPEF ADTFDISVSQ AALTMTAYLL PFATMMLFSG
RITRKIHPHK VVQAAYIVTL PLALLLVTP SWGLFMAAYA TIGIANAFTT PVLQIMLREL
VPPRSLGKAL GTYAAMQSLG MLSAPLIAGV SSVVSWRLTF LVTAASLFI LVARLPVVP
PSALKQNVSG KVQWGPTIIH MVSGFVVIG IIGIGFMTSL HVGEQFGLNT AARGLVVMCG
GRAAFFASRK IGDLDK

> RXA01051 (1-609, translated) 203 residues
MSTIHASGIQ APQVPHGSHH APPQKDESVM KSFNASSLLF AFSFGVYLVL LVMMTLLKSR
LSLGLWNTE AHQYRSIDLE LFNGFADPPI WWGPWTNTFG NIALFMPFGF FLYKMLRRFN
HRFPFVETIL FASVTSLSIE VLQWVFAIGY SDVDDLNT IGGLIGASVA ALVSLKSSKV
VSGIIMGSSL SVMAMMYSS FIA

> RXA01052 (1-309, translated) 103 residues
MDTKLGAELG TEFDLIVVGK GKAGKTIAMK RSAAGDKVAL IEQSPQMYGG TCINVGCIPT
KKLLFETATG KDFPDVAVR DQLIGKLNK NLAMATDKGV TRH

> RXA01053 (1-420, translated) 140 residues

00603208 062300

VLYAPTIVIN TGSTPVIPNV PGTDNPHVFD STGIQHISPL PKHLAIIGGG FIGLEFATLF
SGQGSKVTII DRGELPLKNF DREVAELAKT DLEARGITEL NNAELTGFSG DLTIALKDHD
LLADAALFAS ADARHRRARP

> RXA01054 (1-489, translated) 163 residues
VLVDAHLRTN IDGIFAVGDV NGGPQFTYVS YDDHRIVLDQ LAGTGKKSIA HRLIPTTTFI
EPPLSTIGDN TEGENVVVKK ALIADMPIVP RPEIINQPHG MVKFFVDKQS DALLGATLYC
ADSQELINTV ALAMRHGVTA SELGDGIYTH PATSEIFNQL LGS

> RXA01150 (1-891, translated) 297 residues
PAASLPALVA VRFVHGFSYS LASTAVMALV QSVIPASRRA EGTGYFALGS TLATAFGPAI
ALFVIDDFNY NTLFWITTAT SVFGLILTIVL IRKPEFIKNA EHGRVKPVWS IKTVVHPSVM
LIGFFMLAVG LAYAGVITFL NGFAQDTGLT AGAGLFFIAY AVAMLVMRFF LGRIQDKHGD
NPVIYFGLIS FALALGLMAL ATEDWHIVLA GALTGLGYGT IMPAAQAIIV DSV PSTQVGS
GISTLFLFTD IGIGLGPILL GGLVAATGYN VMYAALAAVI VVAGVLYLVA LGRKASH

> RXA01180 (1-762, translated) 254 residues
MTPTLASMIG LAVGIDYALF IVSRFRNELI SQTGANDLEP KELAERLRMT PLAARAHAMG
MAVGTAGSAV VFAGTTVLIA LVALSIINIP FLTVMIAAAA ITVAIAVLVA LSFLPALLGL
LGTRIFAARV PGPKVPDPED EKPTMGLKWV RLVKMPVAY LLVGVVLLGA IAI PATNMRL
AMPTDGTSTL GTAPRTGYDM TADAFGPGRN APMIALIDAT DVPEERPLV FGQAVEQFLN
TDGVKNAQIT QTTE

> RXA01217 (1-600, translated) 200 residues
MAKYQTIEAA VRSEFGKGS RRARVAGQIP AVVYGADVES NLHVTIDHRT FAALVRQEGV
NAVLELDIEG QKQLTMIKHI DQNVLTFFHD HLDLLAIKRG EKVEVDVPVI VEGEPAPGTM
WVQDADTIKV EADVLSIPEE FTVSIEGLEL GAQITAADIK LEGDTTLVED PETLIVNIVL
PAVEEEDTEE DEAAEEAATE

> RXA01314 (1-741, translated) 247 residues
MTSQVKPDDE RPYTTISKSG APSAHTSAPY GAAATEEAVE EKTGRVGF I AALMLAMLL
SSLGQTIFGS ALPTIVGELG GVNHMTWVIT AFLLGQTISL PIFGKLGDQF GRKYLFMFAI
ALFVVGSIIG ALAQNMTTLI VARALQGIAG GGLMILSQAI TADVTTARER AKYMGIMGSV
FGLSSILGPL LGGWFTDGP WRWGLWLNVP IGIIALVAIA VLLKLPARER GKVSVDWLGS
IFMAIAT

> RXA01319 (1-1194, translated) 398 residues
MTHETSVPGP ADAQVAGDTK LRKGRAKKEK TPSSMTPEQQ KKVWVLSAL MVAMMMASLD
QMIFGTALPT IVGELGGVDH MMWVITAYLL AETIMLP IYG KLGLDVGKRG LFIGALGIFL
IGSVIGGLAG NMTWLIVGRA VQGIGGGGLM ILSQAI IADV VPARERGRYM GVMGGVFGLS
AVLGPLLGGW FTEGPGWRWA FWMNIPLGII AIGVAIYFLD IPKSKVKFRW DYLGTFMIV
AATSLILFTT WGGSQYEWSD PIIIGLIIT IVAAALLVVV ELRAKDPLVP MSFFQNRNFT
LTTIAGLIL IAMFGIIGYL PTYLQMVHGT NATEAGYMLI PMMVGMGMS IWTGIRISNT
GKYKLFPPIG MVVTFVALIF FARMEVSTTL WQIGIYLF

> RXA01320 (1-780, translated) 260 residues
VDPLVPMGLF SNRNFVLTAV AGIGVGLFMM GTIAYMPTYL QMVHGLNPTQ AGLMLIPMMI
GLIGTSTVVG NIVSKTGKYK WYPFIGMLIM VLALVLLSTL TPSASLALIG LYFFVFGFGL
GCAMQILVLI VQNSFPITMV GTATGSNNFF RQIGGAVGSA LIGGLFISNL SDRFTENVPA
AVASMGEEGA QYASAMSDFS GASNLTPHLV ESLPQALREA IQLSYNDALT PIFLALTPIA
VVAAILLFFI REDHLKETHE

> RXA01345 (1-1167, translated) 389 residues
MRFGDLGTT RTIAAAVDRG NYPIVTVEDS LGDTHDFIPS VVALKADRIV AGWDAIEVGQ
DHPSFVRSFK RLLSEPNVTE ATPVYLG DHV HPLGAVLEAF AENVVTALRA FQTQLGDTSP
IEVVIGVPAN SHSAQRLLTM SAFSATGITV VGLVNEPSAA AFEYTHR HAR TLNSKRQAIV
VYDLGGGTFD SSLIRIDGTH HEVVSSIGIS RLGDDDFDEI LLQCALKAAG RQHDAFGKRA
KNTLLDES RN AKEALVPQSR RLVLEIGDDD ITVPVNKFYE AATPLVEKSL SIMEPLIGVD
DLKDSDIAGI YLVGGGSSLP LVSRLLRER GRRVHRSPFP SGSTAVGLAI AADPSSGFHL
RDRVARGIGV FREHDSGRAV SFDPLIAPD

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> RXA01407 (1-891, translated) 297 residues
 LQDTIGCRWI FLLNVPLGII AIMAGLFIQP KNTAVNVKRF DRPGFLGAML VMVAQAVIAE
 LICSRSPAAL TICACLVLSA AVVCGFVVRW LRVPGRLFDL SIMRIPGFRV GNSSGSIYRL
 VITAAPFMFT LLFQVAFGWS ATLAGAMVVA LFAGNVAIKP FTTPIIKRWN FKPVLVFSNA
 AGALVLATFL FVRADTPLVL IVLLLFVSGA LRSIGFSAYN TLQFVDISPE QTSNANVLSA
 TLHQLGMSLG IAVAVIAMSL APTANWAFPL AAALFLIPLI GALSLPRDGG ARAFSSS

> RXA01408 (1-201, translated) 67 residues
 MRNDRSFSVP IALLAAGALF LEILDGTILT TAVPAIARDF GIDAVDVSIA LVAYLAAAAA
 GIPLQGG

> RXA01524 (1-1443, translated) 481 residues
 MDSQINTQTS PAAAKLPREV VVVLISILVVS AMIMILNETI LSVALPSIME DFSVPETTAQ
 WLTTGFMLTM AVVIPTTGYL LDRFSTKTIF VTALLFFTVDG TLTAALAPTF AVLLGARIVQ
 AVGTALVMPL LMTVTLTVPV AERRGSMGMI ISIVISVAPA LGPTLSGVIL NSLTWHWLFW
 MMLPIVVIAL VIGFFLIKNI GETKITPLDV LSVILSVFAF GGLVYGFSSF GAILEGEGTV
 GIFAIVVGAI ALLIFALRQH QLKGQDKALM DLRAFKVRNF SFSLTITILLA FGAMLGTVMV
 LPIYLQTSLG VTALVTGLVV MPGGLLQGLI SPFIGRFYDK VGPRPLLIPG AIALAIAASS
 MTFLNENSPV WMVVVMHVVF SIGMCLMMTP LMTTALGALP KHLYGHGSAI LNTFQQLAGA
 AGTAIMIAAL SFGTSIAASS GSAHAEAVAA GTKVAFIAGA IIAVIALVVS LFTVRVEEEA
 H

> RXA01578 (1-1395, translated) 465 residues
 MIALLVAVFA FQLNASMLAP ALATMETELN ATAAQIGMTQ TAFFTAALF SLFLPRWGD
 IGRRKVLVGM MIVTGIGCVV AAFAPNVTIL FLGRLIQVVA GPTVPLCLII LRQQTNEKQ
 YALLLGIVTS VNGGIGGVDA LAGGWLAETL GFRSIFWVMA AFCAVAALAL PFSVKESTAE
 ETPKMDWLGV LPLAVSIGSL LMAFNEAGKL GAANWILVVV LFIIGIAGVI FFYNIKRVK
 HPLVSVEYLG QRRTWALLS TLLTMTGVFA VMNGLLPNLA QDAANGAGMS ASVSVSWTTLT
 PYALAGLVFG PIAGILAGKF GYKIVLQIGI AATIIGVAGA TFLVGSTSHL AYLGISIFVG
 ITYAGIANIM LNGLGIVLSP ANNQGYLPGM NAGAFNLGAG ISFAILFAVS TAFSDNGGGY
 AAGMWAGVII LVLAFCLSL IPRPESITDT VAAKVQAEAA AQAAS

> RXA01616 (1-1482, translated) 494 residues
 MTSETLQAQA PTKTQRWAFI AVISGGLFLI GVDNSILYTA LPLLREQLAA SETQALWIIN
 AYPLLMAGLR LGAGTLGDKN GHRRMFLMGL SIFGIASLGA AFAPTAWALV AARAFGLGIGA
 ATMMPATLAL IRTTFEDERE RNTAIGIWGS VAILGAAAGP IIGGALLEFF WWSVFLINV
 PVAVIALIAT LFVAPANIAN PSKHWDLFSS FYALLTLAGL IITIKESVNT ARHMPLLLGA
 VIMLIIGAVL FSSRQKKIEE PLLDLSLFRN RLFLGGVVAA GMAMFTVSGL EMTTSQRFQL
 SVGFPTLEAG LLMIPAALGS FPMSIIGGAN LHRWGFKPLI SGGFAATAVG IALCIWGATH
 TDGLPFFFIAG LFFMGAGAGS VMSVSSTAI I GSAPVRKAGM ASSIEEVSYE FGTLLSVAIL
 GSLFPPFFYSL HAPAEVADNF SAGVHHAIDG DAARASLDTA YINVLIILV CAVAAALISS
 YLFRGNPKGA NNAH

> RXA01666 (1-1377, translated) 459 residues
 VSTFHVKLIN TMISNVTTFG LFFAVVFWMY LSTGNVALTG IVSGIYMGLI AVCSIFFGT
 VDHNRKKSVM LFSSVTTLVF YCLSALVWF WLEEDGLSIG NTALWVVSF ILIGSIVEHM
 RNIALSTVVT LLVPEAERDK ANGLVGAVQG VGFLVTSVIA GSAIGFLGME ITLWICLGLS
 LVALLHLLPI RVDEPEIITQ EDAQPTVSDD SVPTPTSOLA IVSKGIDLKG SMKIIILSVPG
 LLALVLFASF NNLIGGVYSA LMDPYGLELF SPQLWGLLLG LTSLGFIVGG AVISKTGLGK
 NPVRTLLLVN VGVAFVGMLF AIREWWWLYI LGIFIFMAIT PAEEAAEQTI LQRVVPFRQQ
 GRVFGLAMAV EMAANPLSTV IVAILAEAYL IPWMAGPGAD TIWGVILGEG KARGMALMFL
 ASGAIMLVVV LLAFMSRSYR KLSQYYATTS QDIAGAAEK

> RXA01674 (1-894, translated) 298 residues
 MDNGWPNLQT LALFVAIVEE GSLGAGARKV GMAQPNASRA IAELEADMKA ELLVRHPRGS
 HPTAAGLALV EHSRDLQSV QEFTIEWTEG RTEQPLKLHV GASMTIAEAL LPAWVADMRT
 RFPACRVDVS VMNSSQVIEA VQKHLQLGF IETPHVPVRL HARVVQEDKL IVVISPNHEW
 ANRTGRISLR ELSETPLIVR EVGSGTREAL QELLADYDMA EPIQVLNSNA AVRVVVEAGA
 GPAVLGELAL RDHLALGRLL SVPFEGSGVT RPLTAVWSGP RRLPILAGEL VSIASNHI

> RXA01873 (1-1092, translated) 364 residues

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MSQAIDSKVE AHEGHEGHEG IERGTRNYKR AVFAMLAAGL AAFNGLYCTQ ALLPTMTEEL
GITPTESALT VSATTGMLAL CIVPASILSE KFGRGRVLTl SLTLAIIVGL ILPLVFNITA
LILLRGLQGA LLAGTPAVAM TWLSEEHHPK DIGHAMGIYI AGNTVGGLTG RMIPAGLLEV
THWQNALLGS SIAALIFGVI MVVLLPKQK FQPKNINLRH EISAMAAHWR NPRLALLFGT
AFLGMGTFVS LYNYLGFMI DQFGLSEVLV GAVFIMYLAG TWSSTQAGAL REKIGNGSTV
IFLSLTMIA S MALMGINN LW VTLVALFVFT AAFALHSSA SGWIGIATK DRAEASSMYL
FCEY

> RXA01917 (1-201, translated) 67 residues
MAQGTVKWFN GEKGFGFIAP NDGSADLFVH YSEIQSGSFR NLEENQPVEF EVGEGAKGPQ
AQQVRAL

> RXA01922 (1-1107, translated) 369 residues
LLFTAGWAAN HFASVLVLIR EQLDVSSVLV NGAFGIYALG LLPSLLAGGV LADRFGARMV
VLTGGVLSAL GNLSLLAFHD GPSLLVGRFI VGLGVGLVVS AGTAWAGRLR GASGVTLGI
ILTAGFMMGP IVTSGLGMS TSIITPFAIS VALSLIAVV GFALGDARST PSALGASSGI
KHESRMKKAL AVSLPMAI WV FSCITTS LIV MSARIDSTFG NAILLPGIGA AIAFSAGLIA
QFLGRKFAWG RSGSIVGALC ALAGFALAAF GGDSIPVWLF VIASILFGTA YGLCLREGLL
SIETYTPLNR RGTGIGIYV FTYLGFGLPV LLDALLPHLG ASIPLYALAA LALGSAVIRG
VQIKRGYV

> RXA01936 (1-822, translated) 274 residues
MLLMQTGAIV GPLIAGALIP LIGFGWLYFL DVVSIPTLW AVWSLPSIKP SGKVMKAGFA
SVVDGLKYLA GQPVLLMVMV LDLIAMIFGM PRALYPEIAE VNFGGGDAGA TMLAFMYSSM
AVGAVLGGVL SGWVARISRQ GVAVYWCIIA WGAVALGGV AIVVSPGAVT AWAWMFIIMM
VIGGMADMFS SAVRNAILQQ SAAEHVQGR QGVWIIVVVG GPRLADVLHG WAAEPLGAGW
TVLWGGVAVV VLTAICMVAV PKFWKYEKPK ITGI

> RXA01937 (1-426, translated) 142 residues
VSFRDIFADT RPLKEPAFKR LWLGNVATVI GAQLTVVAVP VQIYQMTGSS GYVGLTGLFG
LIPLVIFGLY GGSIAADFCK RIVLICTTIG MCVTTAGFWV LTILGNENIW LLLINFSLQQ
AFFAVNQPTR TAILRSILPI DQ

> RXA01984 (1-279, translated) 93 residues
MHESGKNPVK VVDSQAPQGR GGHIGGHIKR RPIPRQTEIS EVRRYIVMTA LALGGFAIGV
TEFVSMGLLS AIASDFEISE DQAGHIITIIY ALA

> RXA02060 (1-339, translated) 113 residues
EFARILKPKG QVIVLTADTG HLAELREPLG IIDVEAGKVD RMIEQAAGHL KPVGERDLVE
FEMLLDQKSI ASQIGMSPSA RHKPEALAE RIAALPEQMK VTARAKITRL ERI

> RXA02087 (1-1347, translated) 449 residues
MTPIVESRAW KALGALS VGL FLTLDDQSLV AVALPKIQED LGASLNQAVW VSAVYLLTFA
VPLLITGRLG DRYGQRNIYL AGMAVFTLAA LACVFAPSIE WLIAARAVQG LGGSLNLPQP
LSIIHKIFAH DRGAATGVW SAVASSAGLF GPVIGGVLVG WISWRAVFLV YVPLGLISLF
MVARIVPKLP TGTSKIDWLS GAVSLVAVLG VVLALQQGPE LGWGTLIWVS LAVGIAAAVL
FIWMQTRSKA PLMPLRIFKT RNFAIGAFSI FSLGFTVYSV NLPIMLYLQT AQGMSSQLAG
LMLVPMGIIS VVMSPVIGRL VDR LAPGMIS KIGFGALIFS MALMAVFMIA NLSPWLLIP
IILFGSSNAM SFAPNSVIAL RDVPQDLVGS ASGFYNTSRQ VGAVLGAATL GAVMQIGVGT
VSFGVAMGAA ILVTLVPLIF GFLAVTQFR

> RXA02088 (1-1215, translated) 405 residues
MLTQKIELEA KPKIPEEIV LVVAAFIIAL GYGLIAPILP QFVVGFDVSF AAASAVVSIF
AGARLLFAPM SGSLIDKIGS RRVYLTGLLT VAITTGLVAL AQEYWQILL RGIAGIGSTM
FTVSAMGLIV KMAPVEIRGR CSSVYASSFL FGNIIGPVVG AAMSGLGMRW PFAIYGASVG
LAALVWWWRM PKTNDLSRKA DSNSVPALRF AEAIKDSAYR SALFSAFANG WSNFGVRVAV
LPLFAAAAFS NGGAIAGFAM AAFAGNALC LQFAGDLSR IGRKPMIISG LIVNAVFTAM
IGFGTEVWIL ITVSALAGAG AGLLNPSQQA VLADVIDSRP GGKVLANFQM AQDFGAIVGP
ILVGMIAEQA GFQIGFMLCG VISLLAAVAW IFGRETLPTA KVEQV

> RXA02116 (1-906, translated) 302 residues

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VSVAEEGKLF TPTFVMGWFA NLFQFLVIFY LITTMALYAI KEFQASEVEA GFASSSIVIG
 AVFSRFFSGY IIDRFGRRKI VLISVLVTTI ACALYLPIS LPLLYANRFL HGVGYAFAAT
 AIMAMVQELI PASRRSEGTG YLALGTTVSA ALGPALALFV LGTFDYDMLF IVVLATSVIS
 LIAVVFMYFK TSDPEPSGEP AKFSFKSIMN PKIIPIGIFI LLICFAYSGV IAYINAFAGE
 RDLITGAGLF FIAYAVSMFV MRSFLGKLQD RRGDNVVIYF GLFFFVISLT ILSFATSNWH
 VV

> RXA02159 (1-513, translated) 171 residues
 MSLGSTPSTP ENLNPVTRTA RQALILQILD KQKVTSQVQL SELLLDEGID ITQATLSRDL
 DELGARKVRP DGGRAYAVG PVDSIAREDL RGPSEKLRRM LDELLVSTDH SGNIAMLRTP
 PGAAQYLASF IDRVGLKEVV GTIAGDDTVF VLARDPLTGK ELGELLSGRT T

> RXA02184 (1-381, translated) 127 residues
 VPVGTVKWYD AERGFVFSN PGGEDCFVGK QVLPKGVTEL HKGQRIDFDF AAGRKGPPAL
 RIKILETPRR RPQHKYKPEE LNGMISDLIT LLESGVQPGL AKGQYPEHKA GAQVAEILRV
 VAKELES

> RXA02200 (1-1110, translated) 370 residues
 MTNSTQTRAK PARISFLDKY IPLWIILAMA FGLFLGRSVS GLSGFLGAME VGGISLPIAL
 GLLVMYPPL AKVRYDKTKQ IATDKHLMGV SLILNWVVG ALMFALAWLF LPDQPELRTG
 LIIVGLARCI AMVLVWSDMS CGDREATAVL VAINSVFQVA MFGALGWFLY QVLPWSWGLP
 TTTAQFSFWS IVTSVLVFLG IPLLAVFSR IIGEKIKGRE WYEQKFLPAI SPFALIGLLY
 TIVLLFSLQG DQIVSQPWAV VRLAIPLVII FVGMFFISLI ASKLSGMNYA KSASVSFTAA
 GNNFELAIIV SIGTFGATSA QAMAGTIGPL IEIPVLVGLV YAMWLWGPGL FPNDFTLPS
 ARSTSQIINS

> RXA02201 (1-363, translated) 121 residues
 MAAALAKKHA GDALKVYSAG TKPGTKLNQQ SLDSIAEVGA DMSQGFPGKI DQELIKRVDR
 VVILGAEQAL EMPIDANGIL QRWVTDEPSE RGIEGMERM LVRDDIDARV QNLVAELTON
 A

> RXA02202 (1-639, translated) 213 residues
 MTGQAAPNLH TNILNRIANE LALTYQGVFS AETINRYIFE SYVSLARTAK IHTHLPILAE
 GFAKDRHAL AVAEGKVAS VPQVLFICVH NAGRSQIASA LLSHYAGSSV EVRSAGSLPA
 SEIHPLVLEI LSEKGVNISD AFKPLTDDV IRASDYVITM GCGDVCPMPY GKHYLDWELA
 DPSDEGEDKI QEIIIEIDGR IRELWKSQIL SQN

> RXA02205 (1-879, translated) 293 residues
 VNEEITLLAA AADPAATENI GWVQTIVLSI VQGLTEFLPI SSSGHLRIIS ELFWGADAGA
 SFTAVVQLGT EAAVLVFFAK EIWQIITGW FGVFNKERRG FEYRMGMWII VATIPVVILG
 VLKDLIREA LRNMWITASV LILFSLVFIL AEKMGKKERD YDKLTMKDAI IMGLAQCLAL
 IPGVSRSGGT ISAGLFLGLK REVATKFSFL LAIPAVLGS LYSLPDAFAP SSGQAASGLQ
 LTVGTLVAFV VGYISIAWLM KFWANHSFSW FAAYRIPAGL LVMLLLALGM LNP

> RXA02273 (1-945, translated) 315 residues
 MSYTSFKGDD KALIGIVLSV LTFWLFAQST LNIGPDMATD LGMSDGTMI AVVAAALFCG
 TFIVAAGGIA DVFGVRVIMM IGNILNIGS LLIATATTSL ATQMVITGRV LQGLAAAIM
 SASLALVKTY WLGTDRQRAV SIWSIGSWG TGFCALFAGL VVASPFGWRG IFALCAIVSI
 VAIALTRHIP ESRPAQSIGM HLDWSGIIVL ALSVLSLELF ITQGESLGTW HMMTWTLAV
 SLTFLAVFVF IERIASWPVL DFNLFKDHAF SGATITNFIM SATGGVVAVV MWVQOMGWV
 SPTISGLTSI GFAAF

> RXA02282 (1-336, translated) 112 residues
 MQESSRDNFQ VDLGGVVDLL SRHIYSGPRV YVRELLQNAV DACTARSEQG EEGYEPSIRI
 RPVTKDRATF SLVDNGTGLT AQEARELLAT VGRTSKRDEF GLQREGRLGQ FG

> RXA02305 (1-852, translated) 284 residues
 MPAFEAMPGM PYWIDLSTSD IAKSAHFYEN VLGWEIEEVN DGYRMARLQG LPVAGLIDQR
 GESSIPDTWI TYFLSYDLDA TAKKIAELGG RILAEPTDVH LGRMILAVDT AGALFGVIEP
 GSEESFVAAG EPGTSVWHEL TTVSKYSEAI DFYGELFTWT TSEMASEDD SFRYTTALAD
 GSAFAGIFDA KGHFPPQVPS FWQSYLGVNL ADDAAAKAKE FGGDVIRKPW DSEFGRMVLI

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SDSTGATITL CEVEEYVEEA AEGDDLFDID LSAFEEQFRK QEGQ

> RXA02431 (1-1191, translated) 397 residues
 VVVTPRHIVY SAASRRVFQI VEKRAIVER LSIDEGFMEP EALVGATPEE VKQWAEELRA
 EIKEVTGLPS SVGAGSGKQI AKIGSGEAKP DGVFVVPVDK QHDLDDPLPV GALWGVGPVT
 GSKLASMGVE TIGDLAALTQ KEVEISLGAT IGISLWNLAR GIDDRPVEPR AEAKQISQEH
 TYEKDLLTRQ QVDAAIIRSA EGAHRRLLKD GRGARTVSVK LRMADFRIES RSYTLSYATD
 DYATLEATAF RLARYPGEVG PIRLVGVVSFS GLEESRQDIL FPELDQQIIV PPAPDTDYEV
 GVQSSSSSES TQVEAPQDVA LSMWCATQDV YHPEYGHGWV QGAGHGVVSV RFETRSTTKG
 RTKSFSMDDP DLTPADPLDS LDWADWFAEN GETGDDE

> RXA02446 (1-435, translated) 145 residues
 MAIESIAYTS EALSTGSGRL GHVRSTDGAL EFEMTPPKAL GSGEGGTNPE QLFVAGYAAAC
 FHSAMHSVAR SRKITLEDTA VGARVSIGPN GAGGFEIAVE LEVSIPQLPQ AEAQELADAA
 HQVCPYSNAT RGNISVTVSV IDEEA

> RXA02541 (1-1185, translated) 395 residues
 VNNSEWANKN YYADLVSSS ASEDEIKKAY RKLARENHPD KNPGDKAAED RFFKAAEAYD
 VLGDDKKRKE YDELKALLAS GGIRGGFGSG GAGFPGGFRT STGGFDTSDL FGGGQGGGFS
 TDGGLGDIFF GLFNRGAGSH QSARPTRGAD VQTEITLSFV EAAKGTTIPV ELTGDAPCNT
 CHGSGSKSGH PAKCGTCDGT GFTSENKGAF GFSAPCATCG GTGEIITDPC DNCHGRGTVR
 KRSRITVRIP TGVEDGQKVR LAGQGEAGPN GKPAGDLFVK VHVKKDDVFT RDGSNILITI
 PVSFSELALG GAISVPTLNK PVKCLKPAGT PDGRTLVRG RGIEARDSTG DLLLTVQVSV
 PKNLDDNAAE ALRAYAEAET NSGFDPANW AGQNR

> RXA02542 (1-654, translated) 218 residues
 MTPPNGMPDN PGDPENTDPE ATSADRAEQA AEEAAARQAE ESPFGQASEE EISPELEAEI
 NDLLSDVDPD LDGDGEVSAV ETQLAERTED LQRTAEYAN YRRRTERERQ GIIDTARAGV
 VTQLPLLD LDLAEQHGD LNEGPLKSLSD KLINILGGLK VESFGEIGEA FDPEIHEAVQ
 DLSQGDVKVL GTVLRKGYRL GDRVIRTAMV LIGDPEES

> RXA02543 (1-1854, translated) 618 residues
 MGRAVGIDLG TTNSVSVLE GGEPVIVANA EGSRTTPSVV AFAKNGEVLV GQSAKNQAVT
 NVDRTIRSVK RHIGTDWSVA IDDKNYTSQE ISARTLMKLLK RDAEAYLGED VTDVITVPA
 YFEDSQRQAT KEAGQIAGLN VLRIVNEPTA AALAYGLEKG EQEQITLVFD LGGGTDFVSL
 LEIGDGVVEV RATSGDNELG GDDWDQRIVD WLVEKFQSSN GIDLTCKDMA LQRLREAAEK
 AKIELSSQS ANINLPYITV DADKNPLFLD ETLSRAEFQR ITQDLLARTK TPFNQVVKDA
 GVSVEIDHV VLVGGSTRMP AVTELVKELT GGREPKNKGVN PDEVVAVGAA LQAGVLRGEV
 KDVLLLDVTP LSLGIETKGG VMTKLIERT TIPTKRSETF TTAEDNQPSV QIQVFQGERE
 IATANKLLGS FELGGIAPAP RGVPQIEVTF DIDANGIVHV TAKDKGTGKE NTITIQDGSG
 LSQDEIDRMI KDAEAHADED KKRREEQEVN NNAESLVYQT RKFVEENSEK VSEDLKAKVE
 EAAKGVEEAL KGEDLEAIKA AVEKLNTESE EMGXIXEAD AXAGATQADA GAEGAADDNV
 VDAEVVEDDA ADNGEDKK

> RXA02586 (1-270, translated) 90 residues
 MHLLRDDNWW APGFVKKAYT VMGHGSEVEE APRPTTRRLN DDEEVTVHEA VVAGDTVASR
 GGLSTQENRD LVSFVELKAR LEKRRLEDLD

> RXA02587 (1-2091, translated) 697 residues
 VFSKWGHFAY RFRRIVPLVV IAAILALFVI FGTKLGRMS QEGWDDPGSS STAAARIELE
 TFGRDNDGDV VLLFTAPEGT SFDDAEVFSS ISGYLDGLIE NNPDEVSHIN SYFDTRNQNL
 LSKDGTQTFE ALGLKGDGEQ TLKDFREIED QLHPDNLGAG VTTEVAGATA VADALDEGMA
 GDISRAEVFA LPFVAILLI VFGSVVAAAM PLIVGILSIL GSLGILAILA GFFQVNVFAQ
 SVVTLGLGL AIDYGLFMVS RFREEMDKGT PVEQAVATT ATAGKTUVFS AAMVAVALSG
 LFVFPQAFK SVAFGAISAV GLAALMSVTV LPSLFSMLGK NIDKWSLRRT ARTARRLEDT
 IWYRVPWAM RHAKAVTVGV VLLLLALTVP LTGVKFGGIN ETYLPPANDT RVAQERFDEA
 FPAFRTEPVK LVVTGADNNQ LIDIYVQANE VEGLTDRFTA GATTDDGTTV LSTGIQDRSL
 NEQVVEQLRA ISVPEGVEVQ IGGTPAMEIE SIEALFEKLL WMALYIVLAT FILMALVFGS
 VILPAKAIIM TILMGATLG ILTLMFVDGV GASALNFSPG PLMSPLVLI MAIYGLSTD
 YEVFLVSRMV EARDKGESTD DAIRYGTHT GSITAAALI MIVVCGAFGF SEIVMMKYIA
 FGMIAALILD ATIIRMLLVP RRDAPASRRQ LVGTRLR

VISAWLLILAIVGGALTMQKGFNSFTIEDTPSIDATVSLVENFPDQTNPVTAAGVNVV
FQSPEGTTLDDPQMMTAMDAVVDYIEDNLPDFGGGERFGNPVEVSPALEMVIEQMTSMG
LPEETAAKDAANLAVLSEDKTIGYTSFNIDVEAAEYVEQKHRDVINEAMQIGEDLGVRVE
AGGPAFGDPIQIETTSEIIGIGIAFIVLIFTFGSLIAAGLPLITAVIGVGIGALAIVLAT
AFTDLNNVTPVLAVMIGLAVGIDYALFILSRYAEYKRMPRADAAGMAVGTAGSAVVFAG
ATVIALVALIADIGFLTAMGISAAFTVFVAVLIALTFIPALLGVFGGHAFKGIKIPGIG
GNPTPKQTWEQALNRRSKGRSWVKLVQKAPGLVVAVVVLGLGALTIPAMNLQLSLPSDST
SNIDTTQRQSADLMAEGFGAGVNAPFLVIVDTHEVNADSTALQPLIEAQEPEEGEFDREQ
AARFATYMYVTQTYNSNIDVKNAQIISVNDFTAAQILVTPYTGPADKETPELMHVLRAQ
EAQIEDVTGTELGTGTAVQLDITEQLEDAMPVYLAVVGLAIFLLILVFRSLVPLVA
GLGFLLSVGAAFGATVLVWQEGFGGFVNTPGPLISFMPIFLIGVTFGLAMDYQVFLVTRM
REHYTHHNGKGQPGSKYTPVEQSVIEGFTQGSRVVTAALIMIAVFVAFIDQPLPFIKIF
GFALGAGVFFDAFFIRMGLVPASMFLMGKATWMPKWLDRILPSLDIEGTALEKEWEEKQ
AAR

>RXN00493 TRANSLATE of: rxn00493.seq check: 4601 from: 1 to: 1614
MAKLIAFDQDAREGILRGVDALANAVKVTLGPRGRNVVLDKAFGGPLVTNDGVTIARDID
LEDPFENLGAQLVKSVAVKTNDIAGDGTATLLAQAALIAEGLRNVAAGANPMELNKGIS
AAAEKTLLEELKARATEVSDTKEIANVATVSSRDEVVGEIVAAAMEKVGKDGVTVEESQS
IETALEVTEGISFDKGYLSPYFINDNDTQQAVLDNPAVLLVRNKISSLPDFLPLEKVVE
SNRPLLI AEDVEGEPLQTLVVNSIRKTIKVAVKSPYFGDRRKAFMDDLAIIVTKATVVD
PEVGINLNEAGEEVFGTARRITVSKDETIIVDGAGSAEDVEARRGQIRREIANTDSTWDR
EKAERLAKLSGGIAVIRVGAATETEVDNRKLRVEDAINAARAAAQEGVIAGGGSALVQI
AETLKAYAEFEFGDQKVGVRALATALGKPAYWIASNAGLDGSSVVVARTAAALPNGEFNA
TLEYGNLINDGVDPVKVTHSAVVNATSVARMVLTTEASVVEKPAEEAADAHAGHHH

>RXN00535 TRANSLATE of: rxn00535.seq check: 586 from: 1 to: 717
MWWAGMSTAMLAYFLQTVALGFGTLLVVQPVLVLSLMTPLSARFNGYRLRTEIFWAT
LLTVAVGIMIVLGRPLPGNPHPLDRWIPVLLVGVAVMGGMWLLAEYVLKKDKALILGLV
TGALFGYVAVMSKAAYDLFVHQGITGLILNWEYGLILTALLGTIVQQYSFNAGELQKSL
PAMTIAEPIVAFSLGYLVLGEKFQVVDWEWIAMGIALLMIVSTIALSRTSTMPAGSKR

>RXN00575 TRANSLATE of: rxn00575.seq check: 5920 from: 1 to: 537
MVERDFTIRPIREGDFPQVRDIYELGLETGHATYETSGPTWDQFSQSKIMDTVMVAVENN
DPDFILGWVSAAPISSRQVFHGVVEDSIYIHPQGQGRGIGGALLDALITYCESNGIWSIH
SWIFPENLGSAKLHESKGFVKVGTMHQMARMPIYEMEGQWRDCDLWECLLSVPEQAQSS

>RXN00786 TRANSLATE of: rxn00786.seq check: 1529 from: 1 to: 975
MSSPVISPETKTGKILLAAPRGYAGVDRVETVERALEEYGAPIYVRKEIVHNRVVD
TLAEKGAI FVNEASEAPEGANMVFSAHGVSPMVHEEAAKNKAIDAACPLVTKVHKEVQ
RFDKQGFHILFIGHEGHEVEGTMGHSVEKTHLVDGVAGIATLPEFLNDEPNLIWLSQTT
LSVDETMEIVRELKVKFPQLQDPPSDDICYATQNRQVAVKAIAERCELMIVVGSNSNS
VRLVEVAKQNGADNAYLVYAREIDPAWFEGVETIGISSGASVPEILVQGVIERLAEFGY
DDVEEVTSAAEKIVFALPRVLRHKN

>RXN00788 TRANSLATE of: rxn00788.seq check: 4194 from: 1 to: 225
MASSINIGVFNLGNAVAWLAGATITTSGLTSAGLVGGLMTSLGLVLAIVAVVLRKAQ
GTQATISVVEHQPAQ

>RXN00803 TRANSLATE of: rxn00803.seq check: 768 from: 1 to: 1230
MGVSALNMSDMVANKRAQRKVWLAVALSVFTVAWGGNEFTPLLVFYRGEFFSNLFIDLL
LVFYAIGVAVGLLAAGPLSDRYGRRVAMLPAPLIAILGSALIASGEETAILIAIGRVLSG
ISVGMVMTAGGSWIKELSSSRFEPGVKTSAGAKRASMSLTGGFALGPALAGVMAQWLPLP
GQLAYVLHIILTLLIFPLLITAPETRQSAHLKTKGSFWSVDLVPSALDKRFLFVVAPIGP
WVFGAFTAYAVLPSQLRDMVSAPVAYSALIALVTLGSGFGIQQFGPQIMGTSKTRGPIL

AMFVTVIGMIGAVIVVMNPHPWALVGCMAIGLSYGLCMFMGLAETQNIAPPIDMAGLTG
IFYCLTYVGMVFPALMTWLNQWLSYPFMLGFGAVMATICLIIVSFSARRF

>RXN00829 TRANSLATE of: rxn00829.seq check: 7202 from: 1 to: 2340
MQKADSHDWISVHGANNLKNVSVRIKRRRLTVFTGVSGSGKSSLVFGTIAAESRRLIN
ETYSTFVQGFMPSPARPVDHLEGITTAIIVDQEQMGANPRSTVGTATDATAMLRILFSR
IAEPNAGGPGAYSFNVPSVSASGAITVEKGGNTKREKATFKRTGGMCPACEGMGRASDID
LKELFDASLSLNDGALTIPGYTPGGWSYRMYSESGLFDAAKPIKDFTEEERHNFLYLEPT
KMKIAGINMTYEGLIPRIQKSMLSKDREGMQKHIRAFVDRVTFIPCPACGGTRLAPHAL
ESKINGKNIAELCAMEVRDLAKWIKTVEAPSVAPLLTALTETLDNFVEIGLGYIQLDRPA
GTLSGGEAQRTKMIRHLGSALTDVTVVFDEPTAGLHAYDIERMNKKLLDLRDKGNTVLVV
EHKPETIAIADHVVDLGPAGAGGGEIRFEGSVDKLKDSDTVTGLHFNDRASLKESVRAP
HGALEIRGADRNNLNNVDVDIPLGVFTAISGVAGSGKSSLIHEIPRDESUVFVDQTAIHG
SNRSNPATYTGMLDSIRKAFKANDVKPALFSPNSEGACPNCKGAGSVYVDLGMAGVSS
PCEVCEGKRFEDESVDYHFGGKDIADVGLLSAANAYEFFAAKDSKILPAAKIAKRLVDVG
LGYITLQQPLTTLGGGERQRLKLATHMADKATTFILDEPTTGLHLADVKTLLDLFDQLVD
DGKSVIVIEHHLGVLAHADHIIDVGPAGSGDGGSSIVFEGSPAELIKTDTPTGRHLKAYVD

>RXN00833 TRANSLATE of: rxn00833.seq check: 7757 from: 1 to: 495
MAKTHFQNETATSGELPQVGDNLAEFNLVNTTELGEVSSKDFQGRKLVNIFPSVDTGVC
ATSVRKFNAAAASLENTTVLCISKDLPFALGRFCSAEGIENVTPVSAFRSTFGEDNGIVL
EGSPLKGLLARSVIVVDENGKVAYTQLVDEIFTEPDYDAALAGLN

>RXN00901 TRANSLATE of: rxn00901.seq check: 5066 from: 1 to: 414
MQKKQQLSTALIMGLALLSASSALATDMYLPAMPGIAEDLGTAPMVQLTLSSFMAGMAI
GQLIIGPLSDQLGRKGLLVAGAVAAALVASVVCALAPSIISVLVIARLVQGLGGGACVVLRA
RSCQTLNADKRLRTPHLC

>RXN00932 TRANSLATE of: rxn00932.seq check: 6704 from: 1 to: 474
MTPQKLHRFAALLEMGWTLLIIGMILKYSGVTDVAVTPIAGGIHGFGLCFAAITITVWI
NNKWTFPQGIAGLIVSVIPWAALPFALWADKKGLVAGGWRFSDPSEKPHTFFDKILAQLV
RHPIRSILILLVIIAVVFSILLAMGPPYDPDAIANTVD

>RXN00937 TRANSLATE of: rxn00937.seq check: 2481 from: 1 to: 372
MATIDVTEETFESTVTGDGIVLVDAWASWCGPCRQFAPTYEKVSEHTDATFAKLDTEAN
QGLAAALQIQSIPTLMVFRDGMVYREAGTMPAPALDDLNVQVKALDMDDVRRQVAEQQG
SAEA

>RXN01010 TRANSLATE of: rxn01010.seq check: 367 from: 1 to: 1119
MKKLQMPAILVGGFVGPFQALSVVLPEFADTFDISVSQAALMTAYLLPFATMMLFSG
RITRKIHPHKVQAAIVITLPLALLLVTPSWGFLMAAYATIGIANAFTPVLQIMLREL
VPPRSLGKALGTAAAMQSLGMLSAPLIAGVSSVSWRLTFLVTAAASLFILVARLPVVPP
PSASKQNVSGKVQWGPTIIHMSVSGFVVGIGIIGIGFMTSLHVGEQFGLDAAARGLVVMCG
GLAAFFASRKIGDLADKFGVRAVLIVSAVIGTIALALLPIAPWIIIVAVLWAFVAAAQG
IQATVNLAVIGSPGGSSLLSTVQAFRFFGSAAAPVTFLPIYMGIGSGAFWVSAVALFFVA
IAQWLNPPQVERG

>RXN01091 TRANSLATE of: rxn01091.seq check: 7053 from: 1 to: 564
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AIAQEDWPELRGELGDLFQTVFHAQMAAREAGHFALVDVVKAISSDKMVLRRHPHVFGAQS
AKSADQQVEDWEVIKAPERAGKAQKGVLDGVALGLPALMRATKLQNNAAARVGFDWPDIGQ
VLGKVTEE

>RXN01102 TRANSLATE of: rxn01102.seq check: 7618 from: 1 to: 1245
VAVLVAVAAAFGSWSLLLPVPLAVLNNGGSSAVAGATTGIFMAATVITQIFTPAALRKI
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[illegible]

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>RXN01190 TRANSLATE of: rxn01190.seq check: 7061 from: 1 to: 1347
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ESHALRVEVADHALK NLDPRNLVPGEVMSRSTADADSSTRIFGQIGTGVSAA TGFLGAAT
YLLISDWLVGLLV LVLVLP IISGVVALASKGISKR SVTQQEKLAE SGAQASDIMMGLRVIK
AIGGERWAVKTFEKASQASARA AVDTAVASGKVAGIGELSI AVNLA AVL LLAGWRVTTGE
LGPGLIAIVGVAVYLSEPIRLLSNSINASIAIHA GAERVA FN LND ELSQAQYESSETIN
DGEFLVLPVPASTL PHGDNILATPHAADI FEGLTRSNISMNHEDNVPID PQVIRASGLTD
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SSLGQTIFGSALPTIVGELGGVNHMTWVITAFLLGQTIISLPFIGKLGDDQFGRKYLFMFAI
ALFVVGSIIGALAQNMTTLIVARALQGIAGGGLMILSQAITADVTTARERAKYMGIMGSV
FGLSSILGPLLGGWFTDGPGRWGLWLNVPIGIIALVAIAVLCLKLPARERGRKVSVDWLGS
IFMAIATTAFLVAVTWGGNEYEWASPMIIGLFITTLVAAIVFVFVEKRAVDPLVPMGLFS
NRNFVLTA VAGIGVGLFMMGTIAYMPTYLQMVHGLNPTQAGLMLIPMMIGLIGTSTVVGN
IVSKTGKYYKWPYFIGMLIMVLALVLLSTLTPSASLALIGLYDFVFTEGFLGCAMQILVLIV
QNSFPITMVGATGSGNNFFRQIGGAVGSLIGGLFI SNLSDRFTENVPAAVASMGEEGAQ
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>RXN01345 TRANSLATE of: rxn01345.seq check: 9398 from: 1 to: 1452
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DHPSFVRSFKRLLSEPNVTEATPVYLGDVHVLPGAVLEAFAENVVTALRAFQTQLGDTSP
IEVVIGVPANSHSAQRLLTMSAFSATGITVVGVLVNEPSAAAFEYTHRHARTLNSKRQAI
VVDLGGGTFDSSLIRIDGTHHEVVSSIGISRLGGDDFDEILLQCALKAAGRQHDFAFGKRA
KNTLLDES RNAKEALVPQSRRLVLEIGDDITVPVNKFYEATPLVEKLSIMEPLIGVD
DLKDSDIAGIYLVGGGSSLPLVSRLRLRERFGRVRHRSFPFSGSTAVGLAIAADPSSGFHL
RDRVARGIGVFREHDSGRAVSFDPLIAPDTDTSATVAKRCYKAVHNIGWFRFVEYSTVED
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>RXN01553 TRANSLATE of: rxn01553.seq check: 7694 from: 1 to: 1320
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FGVAIMAIANITFEFAEVQYYAQLSQISTRENVGRVSGFGWSMGYFGGIVLLVCYLGFV
AGDGDTRGFLNLPIDGMNIRLVAVLAAVWFLVSAIPALLRVPEIEAQVAAEDHPKGLIA
AYKDLFGQIAELWKQDRNSVYFLIAATVFRDGLAGVFTFGAILAVSVYGLSAGDVLLFGV
AANVVSALGALLGGFLDDRVPKPIILISLAIMIADAAILFVEGPTNEWIFGLILCAFV
GPAQSASRSYLTRLSPDQGQQLFGLYATTGRAVSWMVPSLFGVFVGLTGDDRGTGILAIA
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>RXN01559 TRANSLATE of: rxn01559.seq check: 3150 from: 1 to: 1842
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NRWVEYGVITEEQANASLEEMNTAVASTTAVEGEEATEPEPVTVSATPMDEPANSIEATQ
RRQEITDMLRTDRQSTDPTVQIAASSLMQCTTDEMDPLAGTDDPRLPLVACDPAVGGVYV
LDPAPLLNGETDEENGARLTGNEIDTNRPIITGGFNAQSGQMEISFAFKSGDGEESATWS
SLTSQYLQQQIAITLDSQVISAQVQSATPVGSATSITGDFTEAQDLANNLRGALPL
SFAGENERGGTTTTVPSSLGAASLKAGLIAGIVGIALVAIFVFAYYRVFGFVSLFTLFA
AGVLVYGLLVLLGRWIGYSLDLAGIAGLIIGIGTTADS FVVVFYERIKDEIREGRSFRSAV

PRAWESAKRTIVTGNMVTLLGAIVIIYLLAVGEVKGFAFTLGLTTVFDLVVTFLITAPLVI
LASRNPFFAKSSVNGMGRVMKLVEERRANGELDEPEYLKKIHAKNAAADKASTDNSSTDN
SEAPGTDNQEEEK

>RXN01605 TRANSLATE of: rxn01605.seq check: 6399 from: 1 to: 1515
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MNQAAEGATTLSDBGVGSANDGAVQLADGAVTLRDGIASANEGAQSLADGASQLDGTGLGSA
ATGSQTLADGLSSLSAGTAQLGQGATQVSDGVGQLVDQVAPLTAYVPDINSQILTLRDGA
ATIASELSDPSSTYRSGVDSAVSASQQLAAGLQTLKDGSSQLSIGARTLADGTSQLAAGS
EQLVVGAQALRDGTQVLDGSSSELALKLTDGASQVPTFADGADTTIATPVETEQAQDTP
LFGIGLAPFFMAVGLFMGATVAMMILHPISSRRALDSRMGGFRGTLASYLPSTVLGLGQAT
IMWAVLYFLDLNPAHPAGLWMAMVAISWVFISITHMFNNVAGPSAGRVLSIVMMSFQLV
SSGGLYPPETQPAFFHWFHTYDPIYAVNLVRQMI FNETPSNDPRFIQAIWVLLFIWALM
LAISTLANRTNKVLRMKDYHPELV

>RXN01676 TRANSLATE of: rxn01676.seq check: 7951 from: 1 to: 756
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LSAYGAGMVLPLMAIAALWAKLGQRGQQLRGREFTLGRQWHIVSVISGALIIAVGILF
WSTNGLVSMPELVPMDTQIWLQEATFSLGSPLFDIALIIAAGLFLYFWNKRQKRKEEAQ
RPKESGWVINPR

>RXN01837 TRANSLATE of: rxn01837.seq check: 8888 from: 1 to: 777
VSTNKERRQALSQLEKEIKSRDRKEKTKPLTVVFASLAVILVVVGGIWYAATRSTEDV
ITADETSTTAETPDYQPLALTRTTALGDSVTCEYPDAGEASKDVSKPATENVPATGTVTV
NLTTAQGNIGMELDRSVSPCTVNAVEHMASEGYYNDTVCHRITTSIGIYVLQCGDPSSTGA
GGPGFSFANEYPTDEATDLTTPVIYERGTIAMANAGADTNGLPVLPQLRGFPTGTELHLL
RPDHRRRPCNPRRHRRSWH

>RXN01863 TRANSLATE of: rxn01863.seq check: 1675 from: 1 to: 1149
MNSVKLKQPVSIYNDPWESYNDVKEHGQLTSLNIEFTTTNLCNMRCSHCAVGYTLQTVDP
EPLDMDLIYRRLDEIPNLRTMSITGGEPMSKKSIRNVVKPLLKYAHRGIYTMNSNLT
LPQDRYLDIAEYIDVMHISHNWGTTDEFANVGFGAMKKQPPLKAKLKLYEQMISNARTLS
EQGMFVSAETMLNQSTLPHLRKIHQEVVHDMKCSRHEIHPMPADFASQLNVLTLAEMKK
TIHDILDFRDEDIWMFLFGTLPVFPCLKDDQKLLSRLRNANNVTTRNDPDGRSRLNVNV
FTGNVIVTDFGDETGTISNIQKDKLTDVFDKWLSSDLAKSLNCHCSEFSCLGPNVLVKNM
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>RXN01873 TRANSLATE of: rxn01873.seq check: 8968 from: 1 to: 1236
MSQAIDSKVEAHEGHEGHEGIERGTRNYKRAVFAMLAAGLAAFNGLYCTQALLPTMTEEL
GITPTESALTVSATTGMLALCIVPASILSEKFGGRVLTISLTLAIIVGLILPLVPNITA
LILLRGLQGALLAGTPAVAMTWLSEEIHPKDIGHAMGIYIAGNTVGGLTGRMIPAGLLEV
THWQNALLGSSIAALIFGVIMVLLPKQRKFQPKNINLRHEISAMAAHWRNPRLALLFGT
AFLGMGTFVSLYNYLGFRLMIDQFGLSEVLVGAVFIMYLAGTWSSTQAGALREKIGNGSTV
IFLSLTMIASMALMGINNLTVALFVFTAFAFFALHSSASGWIGI IATKDRAEASSMYL
FCYVVGSSVIGWVSGFAFTHLPWLAFIGWLILLLCGVLAICVTLARLARNAN

>RXN01922 TRANSLATE of: rxn01922.seq check: 3553 from: 1 to: 1152
MRSGNANRVFIGVTILLFTAGWAANHFASVLVLIREQLDVSSVLVNGAFGIYALGLLPSL
LAGGVLAADRFARMVVLTTGGVLSALGNLSLLAFHDGPSLLVGRFIVGLGVGLVVSAGTAW
AGRLRGASGVTLAGIILTAGFMMGPIVTSGLGMASTSIITPFAISVALSLIAVVVGAFALG
DARSTPSALGASSGIKHERSMKKALAVSLPMAIWFVSCITTSILIVMSARIDSTFGNAILL
PGIGAAIAFSAGLIAQFLGRKFAWGRGSGIVGALCALAGFALAAFGGDSIPVWLFVIASI
LFGTAYGLCLREGLLSIETYTPLNRRGTGIGIYYVFTYLGFGLPVLLDALLPHLGASIPL
YALAALALGSAVIRGVQIKRGYV

>RXN01926 TRANSLATE of: rxn01926.seq check: 2379 from: 1 to: 741
LRSFYTPAQIEREGDVWKAATEEAELLAADGAVHDQELFLNCTTSPLIFASAMLNFGVH
QILD TLCQLAPSPAGRDADPKALEAATSAMDDHRD TDDFSGVVFKVQAGMDKNHRDTLA

09603208 "062300

>RXN03022 TRANSLATE of: rxn03022.seq check: 1371 from: 1 to: 447
 VIITAGILVATATALLMITAVSESTYIVISLAGFSLYGLGLGLFATPVTDTALGTLPKDR
 TGAGAGVFKMSSSLGAALGIAISTSVFLALRDGTSINSDVALAGTVSLGINVVFAATATI
 TAAVLIPKAAGKVSQTSITLPEPAIAVKI

>RXN03038 TRANSLATE of: rxn03038.seq check: 812 from: 1 to: 726
 MHSKEELTVRKGISRVLSVAVASSIGFGTVLTGTGIAAAQDSAFDYGMDPNMNYNPIDDI
 KDRPEGLSNLPYFGSKLTSWGSSYATASSGVVTSALPQYTDPRYPLGKDDLPAKATIDMEP
 EVLARLERFVGVDGDRIRQINAYSPSMGRITPLVWVVPEDNTVPGPTVYALGGGDDGGQGG
 QNWVTRTDLEELTSDNNINLIMPMLGSFSFYSDWARESQSMGCAQQWETLLMHHELPEPLV
 AA

>RXN03039 TRANSLATE of: rxn03039.seq check: 1469 from: 1 to: 630
 ALPQYTDPRYPLGKDDLPAKATIDMEPEALARLERFVGVDGDRIRQINAYSPSMGRITPLV
 WVVPEDNTVPGPTVYALGGGDDGGQGGQNWVTRTDLEELTSENNINLIMPMLGSFSFYADW
 AGESESMGGAQQWETFLMHHELPEPLEAAIGADGQRSIVGMSGGSVLNFATHDPNFYSS
 VGSFSGCAETNSWMGRWRHSHCLQRQCR

>RXN03040 TRANSLATE of: rxn03040.seq check: 6898 from: 1 to: 309
 MSXGDNAPIDEDAFKNRVLVGFIEAMSNTCTHNLKAATDQMGIDNINYDFRPTGTHAWD
 YWNEALHRFFPLMMQGFGLDGGPIPIYNPNVTSSESSXRTVF

>RXN03042 TRANSLATE of: rxn03042.seq check: 1569 from: 1 to: 606
 LVLAFVLVLLVFRSIWVPLIAALGFLSVLATFGATVAIFQEGAFGIIDDPQPLLSFLPI
 MLIGLVFGLAMDYQIFLVTRMREGFTKGKTAGNATSNFGKHGARVVTAALIMVSVFAAF
 IAQDMAFIKTMGFALAVAVFFDAFVVRMMIIPATMFLDDKAWWLPKWLDKILPNVDVEG
 EGLSELHEARTEELKENVGVA

>RXN03051 TRANSLATE of: rxn03051.seq check: 1794 from: 1 to: 735
 MRSDVIELPEGVSKEKADQLEVAEARLNEGARLMATTGCEVMWPTGFSVCGRILDYRQV
 GGQLSWLGPPKSNELTNPDGVGKRSEFFGGAIYWHPTDGAYAVTLDGLRQWGTLNWESGP
 LGYPTSGPMDTNYPLTQRQTFQGGDNYYNPLTGGAVWGDIKQRYEELGGSNHAIGIPITN
 ELPSGTEYFYNNFSNGTISWRNDRQTRFMYLATQRVWDALGRETGRLGFPEADETPEVSG
 LFHVA

>RXN03054 TRANSLATE of: rxn03054.seq check: 8742 from: 1 to: 1581
 MKLFSKAAGVIAAALLVAGGIAPVAQQQASQVVTPEDDQDAYVQQFHHEGNTPPVVDGVGG
 YTEQEIIEAIRQAQESGAPNEELIPGEMWSDKVELPVTIDKAAADEAEIAIAQQQSQ
 PQTRGLAAAAACQTFWPSPHQVCGAILERYIQQAQFGWMLFPSEGQTLNPDGQGYRQR
 MNGFVYWHPTTGAHAVNNYSAQVWERNWGESGWMGYPTGGEVPVNGSNPIDGELSGWVQT
 FQGGRVYRSPVLGAFVQVASINGLILDKWLELGGPDSDLGFPIADEAVTADGVGRFSVFQ
 GVVYWHPPQGAHPILGNIYSIWREEGAESGEFGYPIGDPEKYTENMANQVFEKGELANL
 YPNPLEAFIEFLPFANLEEAIEYFENGLSNSRVEANSLNAKKDSIQCSQSANIHVRTKS
 DGVGIRVPKIGFKARMDCDLPGTVSDVVGWYIYDYWGRWAQAAQAQFFGNRNSVVQT
 NLEAGCSGEKNTLFWGTSYFQVTEYEQPYFGQSATNYAYLPCTIDRS

>RXN03064 TRANSLATE of: rxn03064.seq check: 5850 from: 1 to: 1332
 MMLNETTLAVALPSIMADFDIEANTAQWLLTGFMILTMAVVLTPATGWMLERFTTRSVFIFA
 TVVFLIGTVTAALSPTFAIMLAARVAQAIGTAVIMPLMTVAMTVVPPERRGAVMGLIAV
 VMAVGPAALGPSVAGFVLSLSSWHAIFWVMVPLVFVASLIGTLRLTNVSEPKKTPLDVISF
 LISAVAFGLLVYALSSIGIILEGDRSALVVLAVGIIALVVFVWRQIAMGKQDKALLDLRP
 LAIREYTIPLVLLTLFGALLGVMNTLPLYLQGSMLMVTALVAGLVLLPGGLLEGVLSPFV
 GRIYDRHGPRGLVIGGMSLVVISLALSTVDEFANVWFIIGVHIVFSIGLALLFTPLMTV
 ALASVPDNMYGHGSAILNTLQQLAGAAGTAVMIAVYSTVSNNALIDGATQQTALADGANS
 AFFASACVAVFALIVGFFVKRPAR

>RXN03075 TRANSLATE of: rxn03075.seq check: 8649 from: 1 to: 726

